Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 18 Dec 2021 until 23:59 on Sunday 19 Dec 2021

Forecast Issued on Saturday 18 Dec 2021 at 03:22

Confidence: High for settled and largely dry conditions but lower for cloud details.

Headline for Saturday 18 Dec 2021: Many summits sunny but low cloud on some lower slopes. Light winds.

Mountain weather hazards on Saturday 18 Dec 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Sunny	Sunny	Clear night	Clear night	Clear night
Precipitation probability					
<05%	<05%	<05%	<05%	<05%	<05%

Forecast for Saturday 18 Dec 2021

Weather: Dry with widespread cloud over low slopes in the south and east, likely to persist through much of the day but western and northern areas largely clearer. Areas of the higher ground above about 500-600m will reach above the strong temperature inversion throughout and are likely to see almost unbroken sunshine.

Chance of cloud free mountain/hill tops above 600m: Around 60% in south and east but nearer 90% in north and west

Visibility: Rather hazy below any cloud with bases down towards 100m in parts of the south and east, giving some very poor visibility at times on the lower slopes. However areas of the highest ground above about 500-600m will increasingly reach above the strong temperature inversion and will see very good visibility.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Saturday 18 Dec 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/9 E	6/12 SE	4/9 E	3/4 E	2/5 E	4/5 S	4/6 W
300	5/9 E	5/10 E	4/7 E	3/4 E	3/5 E	2/4 SE	1/3 SE
Valley	4/7 E	4/12 E	2/8 SE	3/6 E	3/5 SE	1/3 S	2/3 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/5	6/4	7/6	8/7	8/7	7/6	7/6
300	5/3	4/3	7/6	6/5	5/4	2/1	-0/-2
Valley	4/3	3/2	8/8	7/6	4/3	1/0	2/0
Freezing Level*	2000m	1800m	2000m	2000m	1900m	1900m	1900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A strong temperature inversion through the day with some clear skies above the widespread low cloud in the south and east, and conditions somewhat milder on the highest ground, particularly into the evening.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 18 Dec 2021	0.2mm	0.2mm	4.8mm

Forecast for Sunday 19 Dec 2021

Weather: Similar to Saturday, generally quite a lot of cloud and fog over lower slopes, but, once again above the inversion, skies clear with almost unbroken sunshine by day.

Maximum wind: Variable, mainly easterly or northeasterly, 10mph or less

Chance of cloud free mountain/hill tops above 600m: 90%

Visibility: Rather hazy in places with areas of cloud below about 100-200m and visibility poor at times on the lower slopes, but for the highest parts visibility generally excellent.

Temperature: **Valleys:** Around plus 5 or 6 Celsius, perhaps close to zero at first and again in evening if cloud breaks.
At 600m: Plus 7 or 8 Celsius
Freezing level: Above the summits

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